

a little overlapping of the borders. Our Division of Electron Physics has a symposium, and there are three half-day symposia in chemical physics, two of them sponsored by the Division of that name and one by the Society. Cosmic-ray physics is the theme of several of the invited papers on the general programme, and mesons and V-particles will receive at least their due share of attention. Scattering of protons and neutrons by protons is the topic of a group of papers both invited and contributed. Californian colleagues of ours will bring invited papers on meson-production, photo-disintegration of the deuteron, and accurate measurement of nuclear energy levels. A new topic will appear in the programme under the title "Entropy and information", expounded in a symposium of three speakers. Solid-state physics will be represented by two invited papers in cryogenics and three about germanium. The banquet will be held on the Friday evening (May 2) in the Shoreham, and the after-dinner speakers will be E. M. McMillan, S. A. Goudsmit and J. E. Mayer.

K. K. Darrow

APS New York Section

Spring Meeting in Corning

The Spring Meeting of the New York State Section of the American Physical Society will take place April 18-19 in Corning, N. Y., according to R. B. Randels of the Corning Glass Works, who is local committee chairman. The program will be largely made up of ten-minute research papers, although it has been announced that space will be reserved for reviews, demonstrations, or expository papers of interest to physicists. Sessions will be held in the Corning Glass Center, and with the added attraction of its museum, library, and hand manufacture plant it is anticipated that the attendance will be large. Abstracts of the ten-minute papers will appear subsequently in *The Physical Review* and in *Science Abstracts*.

Air Pollution

National Symposium in May

Under the sponsorship of Stanford Research Institute, in cooperation with the California Institute of Technology, the University of California at Los Angeles, and the University of Southern California, the second National Air Pollution Symposium will be held May 5 and 6 at the Huntington Hotel in Pasadena. The program will cover the general topics of new techniques in sampling, analysis, and instrumentation, fundamental physics and chemistry of the atmosphere, the contribution of internal combustion engines, and biological aspects of atmospheric contamination. Headquarters for the NAPS have been established at Room 332, 612 South Flower Street, Los Angeles, California.

Colloid Symposium

ACS Group to meet at USC

The 26th National Colloid Symposium, sponsored by the Division of Colloid Chemistry of the American

Chemical Society, will be held on the campus of the University of Southern California, Los Angeles, California, June 16-17-18. The program will consist of papers (mostly invited) dealing with new material within the broad field of pure and applied colloid chemistry. Some of the papers will be grouped into sub-symposia, and provision will be made for ample discussion periods. Correspondence concerning housing and registration should be sent directly to Robert D. Vold, University of Southern California, Los Angeles 7, California. Correspondence concerning the program should be sent directly to the chairman of the Colloid Symposium Committee, W. O. Milligan, The Rice Institute, P. O. Box 1892, Houston 1, Texas.

ASME Symposium

On Shock and Vibration Instrumentation

The Applied Mechanics Division of the American Society of Mechanical Engineers announced recently that plans are rapidly developing for a Shock and Vibration Instrumentation Symposium to be held during its summer meeting at Pennsylvania State College, State College, Pennsylvania, June 19-21, 1952. Although the principles of operation, sources of error and methods of calibration of instruments will be stressed, a well-rounded program will be presented covering all fields of interest relating to current shock and vibration testing. The program includes papers in the following categories: survey and historical; one-degree-of-freedom instruments; sources of error and secondary effects; peak reading gages; calibration; applications. The symposium will close with a general discussion intended to bring out the difficult and intriguing problems which are in urgent need of solution in the instrumentation field and thus to stimulate further development. It is expected that the symposium papers and discussion will be published in a single volume which will present the current state of knowledge on shock and vibration instrumentation.

Commission on Spectroscopy

IUPAP-IAU Group to Meet in Rome

A joint commission on spectroscopy, sponsored by the International Astronomical Union and the International Union of Pure and Applied Physics, is to meet in Italy during the Eighth General Assembly of the IAU, which will be held in Rome from September 4th to 13th. W. F. Meggers, chief of the National Bureau of Standards' spectroscopy section, will preside. Other members of the commission include G. R. Harrison, dean of science at the Massachusetts Institute of Technology, F. A. Jenkins, professor of physics at the University of California at Berkeley, and Charlotte M. Sitterly, physicist in the NBS spectroscopy section. It has been announced that the program for this General Assembly of the Astronomical Union will include symposia on faint stars, stellar evolution, instrumentation, and other topics.